INFORMATION SYSTEMS ARCHITECTURE - ISA

by John Zachman

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GENERIC FRAME CHARACTERIZATIONS

The following table provides a generic characterization of the ISA framework, not specific to any industry or particular modeling method.

	DATA	FUNCTION	NETWORK	PEOPLE	TIME	MOTIVATION
SCOPE	Entity List	Process List	Location List	Organization List	Major Event List	Objective List
ENTERPRISE MODEL	Enterprise Entity - Enterprise Rule - - Enterprise Entity	Enterprise Process - Resource - - Enterprise Process	Enterprise Location - Enterprise Channel - - Enterprise Location	Organization - Work - - Organization	Enterprise Event - Enterprise Cycle - - Enterprise Event	Objective - Strategy - - Objective
SYSTEM MODEL	Entity Type - Relationship Type - - Entity Type	System Process - User View - - System Process	Site - Link - - Site	Role - Presentation - - Role	System Event - System Cycle - - SystemEvent	Criterion - Choice - - Criterion
TECHNOLOGY MODEL	Data Structure - Referential Integrity - - Data Structure	Application - Device Format - - Application	Connection Point - Communication Line - - Connection Point	User - Technical Interface - - User	Technical Event - Technical Cycle - - Technical Event	Condition - Action - - Condition
COMPONENTS	Data Container - Acquisition - - Data Container	Module/Object - Couple/Message - - Module/Object	Address - Protocol - - Address	Individual - Transaction - - Transaction	Component Event - Component Cycle - - Component Event	Sub-condition - Step/Task - - Sub-condition
FUNCTIONING SYSTEM	Information - Integrity - - Information	Procedure - Request - - Procedure	Client/Server - Access - - Client/Server	Worker - Work Session - - Worker	Operating Event - Operating Cycle - - Operating Event	Target - Option - - Target

- Adapted from: Burgess, B.H. & T.A. Hokel. (1994) **A Brief Introduction to the Zachman Framework.** Framework Software Inc., Page 26.

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